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=> s cell and laser
L1 49194 CELL AND LASER

=> s plant and l1
L2 3052 PLANT AND L1

=> s hole and l2
L3 24 HOLE AND L2

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 15 DUP REM L3 (9 DUPLICATES REMOVED)

=> d 1-15

L4 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:355905 CAPLUS
TI Use of **laser**(s) in the process of superplastic forming and
diffusion bonding
AU Jocelyn, Alan; Kar, Aravinda; Jonik, Martin; Keevil, Allan; Ackerman,
Mike; Way, Jerome; Flower, Terry
CS Faculty of Computing, Engineering and Mathematical Sciences, Aerospace
Manufacturing Research Centre, Bristol, BS16 1QY, UK
SO Materials Science Forum (2004), 447-448(Superplasticity in Advanced
Materials), 533-539
CODEN: MSFOEP; ISSN: 0255-5476
PB Trans Tech Publications Ltd.
DT Journal
LA English

L4 ANSWER 2 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:71845 BIOSIS
DN PREV200400073450
TI Detection of metals in proteins by means of polyacrylamide gel
electrophoresis and **laser** ablation-inductively coupled
plasma-mass spectrometry: Application to selenium.
AU Chery, Cyrille C. [Reprint Author]; Gunther, Detlef; Cornelis, Rita;
Vanhaecke, Frank; Moens, Luc
CS Laboratory of Analytical Chemistry, Ghent University, Proeftuinstraat 86,
B-9000, Ghent, Belgium
cyrille.chery@rug.ac.be
SO Electrophoresis, (October 2003) Vol. 24, No. 19-20, pp. 3305-3313. print.
ISSN: 0173-0835 (ISSN print).
DT Article
LA English
ED Entered STN: 4 Feb 2004
Last Updated on STN: 4 Feb 2004

L4 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:553115 CAPLUS
DN 137:89432

TI A method for introducing foreign materials into **cells** using a
laser beam to perforate the **cell** membrane
IN Kobayashi, Akio; Fukui, Kiichi; Harajima, Satoshi; Fukusaki, Eiichiro;
Kajiyama, Shinichiro; Okuda, Shinya; Shoji, Takeshi
PA Osaka University, Japan
SO Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1225228	A2	20020724	EP 2001-130275	20011220
	EP 1225228	A3	20021113		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2002325572	A2	20021112	JP 2001-349559	20011115
	US 2002115219	A1	20020822	US 2001-15607	20011217
	AU 2001097290	A5	20020627	AU 2001-97290	20011218
PRAI	JP 2000-392167	A	20001225		
	JP 2001-349559	A	20011115		

L4 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:708169 CAPLUS
DN 134:11375
TI Playing with dye molecules at the inner and outer surface of zeolite L
AU Calzaferri, Gion; Bruhwiler, Dominik; Megelski, Silke; Pfenniger, Michel;
Pauchard, Marc; Hennessy, Brian; Maas, Huub; Devaux, Andre; Graf, Urs
CS Department of Chemistry and Biochemistry, University of Bern, Bern,
CH-3000/9, Switz.
SO Solid State Sciences (2000), 2(4), 421-447
CODEN: SSSCFJ; ISSN: 1293-2558
PB Editions Scientifiques et Medicales Elsevier
DT Journal
LA English
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 1999:443213 CAPLUS
DN 131:225568
TI Imaging techniques in **plant** transport: meeting review
AU Fricker, M. D.; Oparka, K. J.
CS Department of Plant Sciences, University of Oxford, Oxford, OX1 3RB, UK
SO Journal of Experimental Botany (1999), 50(Spec. Issue), 1089-1100
CODEN: JEBOA6; ISSN: 0022-0957
PB Oxford University Press
DT Journal; General Review
LA English
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 15 AGRICOLA Compiled and distributed by the National
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of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 2
AN 2000:65469 AGRICOLA
DN IND22056990
TI Single pollen typing combined with **laser**-mediated manipulation.
AU Matsunaga, S.; Schutze, K.; Donnison, I.S.; Grant, S.R.; Kuroiwa, T.;
Kawano, S.
CS University of Tokyo, Tokyo, Japan.

AV DNAL (QK710.P68)
SO The Plant journal : for cell and molecular biology, Nov 1999. Vol. 20, No. 3. p. 371-378
Publisher: Oxford : Blackwell Sciences Ltd.
ISSN: 0960-7412
NTE Includes references
CY England; United Kingdom
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 7 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:96269 BIOSIS
DN PREV200000096269
TI Three-dimensional visualization of the Golgi apparatus: Observation of Brunner's gland **cells** by a confocal **laser** scanning microscope.
AU Suzuki, Etsuko [Reprint author]; Kataoka, Katsuko
CS Department of Anatomy, Hiroshima University School of Medicine, 1-2-3 Kasumi, Minami-ku, Hiroshima, 734-8551, Japan
SO Journal of Structural Biology, (Dec. 15, 1999) Vol. 128, No. 2, pp. 131-138. print.
CODEN: JSBIEM. ISSN: 1047-8477.
DT Article
LA English
ED Entered STN: 15 Mar 2000
Last Updated on STN: 3 Jan 2002

L4 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
AN 1998:643050 CAPLUS
DN 129:327971
TI Insertion of microscopic objects through **plant cell** walls using **laser** microsurgery
AU Buer, Charles S.; Gahagan, Kevin T.; Swartzlander, Grover A., Jr.; Weathers, Pamela J.
CS Department of Biology/Biotechnology, Worcester Polytechnic Institute, Worcester, MA, 01609, USA
SO Biotechnology and Bioengineering (1998), 60(3), 348-355
CODEN: BIBIAU; ISSN: 0006-3592
PB John Wiley & Sons, Inc.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:557039 CAPLUS
DN 122:310945
TI Direct gene introduction into **plant cells** using an N2-**laser** microbeam
AU Osaki, Takeshi; Shimizu, Masaoki; Wakizuka, Takumi; Yamaguchi, Toshihiko
CS Coll. Agric., Univ. Osaka Prefect., Sakai, 593, Japan
SO Shokubutsu Soshiki Baiyo (1995), 12(1), 73-8
CODEN: SSBAET; ISSN: 0289-5773
PB Nippon Shokubutsu Soshiki Baiyo Gakkai
DT Journal
LA Japanese

L4 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
AN 1995:297202 CAPLUS
DN 122:73246
TI **Laser**-mediated gene transfer in rice

AU Guo, Yande; Liang, Hong; Berns, Michael W.
 CS Beckman Laser Inst. and Medical Clinic, Univ. California at Irvine,
 Irvine, CA, 92715, USA
 SO Physiologia Plantarum (1995), 93(1), 19-24
 CODEN: PHPLAI; ISSN: 0031-9317
 PB Munksgaard
 DT Journal
 LA English

L4 ANSWER 11 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1992:36978 BIOSIS
 DN PREV199242013128; BR42:13128
 TI MACULAR **HOLE** FORMATION FOLLOWING **LASER**
 PHOTOCOAGULATION OF CHOROIDAL NEOVASCULAR MEMBRANES IN A PATIENT WITH
 PRESUMED OCULAR HISTOPLASMOSIS.
 AU LIM J I [Reprint author]; SCHACHAT A P; CONWAY B
 CS BALTIMORE, MD, USA
 SO Archives of Ophthalmology, (1991) Vol. 109, No. 11, pp. 1500-1501.
 CODEN: AROPAW. ISSN: 0003-9950.
 DT Article
 FS BR
 LA ENGLISH
 ED Entered STN: 7 Jan 1992
 Last Updated on STN: 7 Jan 1992

L4 ANSWER 12 OF 15 CABA COPYRIGHT 2004 CABI on STN
 AN 90:106885 CABA
 DN 19901615752
 TI Genetic manipulation
 AU Dunwell, J. M.
 CS Imperial Chemical Industries PLC, Imperial Chemical House, Millbank,
 London SW1P 1NA, UK.
 SO European Patent, (1989) .
 Secondary Source: Biofutur (1989) No. 85, 72
 DT Miscellaneous
 LA English
 ED Entered STN: 19941101
 Last Updated on STN: 19941101

L4 ANSWER 13 OF 15 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1989:426909 BIOSIS
 DN PREV198988085167; BA88:85167
 TI UPTAKE OF DNA IN CHLOROPLASTS OF BRASSICA-NAPUS L. FACILITATED BY A UV-
LASER MICROBEAM.
 AU WEBER G [Reprint author]; MONAJEMBASHI S; GREULICH K-O; WOLFRUM J
 CS MAX-PLANCK-INST FUER ZELLBIOL, ROSENHOF, D-6802 LADENBURG/FRG
 SO European Journal of Cell Biology, (1989) Vol. 49, No. 1, pp. 73-79.
 CODEN: EJCBDN. ISSN: 0171-9335.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 19 Sep 1989
 Last Updated on STN: 19 Sep 1989

L4 ANSWER 14 OF 15 CABA COPYRIGHT 2004 CABI on STN
 AN 88:29907 CABA
 DN 19881670258
 TI Genetic manipulation of **plant cells** and organelles
 with a **laser** microbeam
 AU Weber, G.; Monajembashi, S.; Greulich, K. O.; Wolfrum, J.
 CS Max-Planck-Inst. fur Zellbiologie, Rosenhof, 6802 Ladenburg, German
 Federal Republic.



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